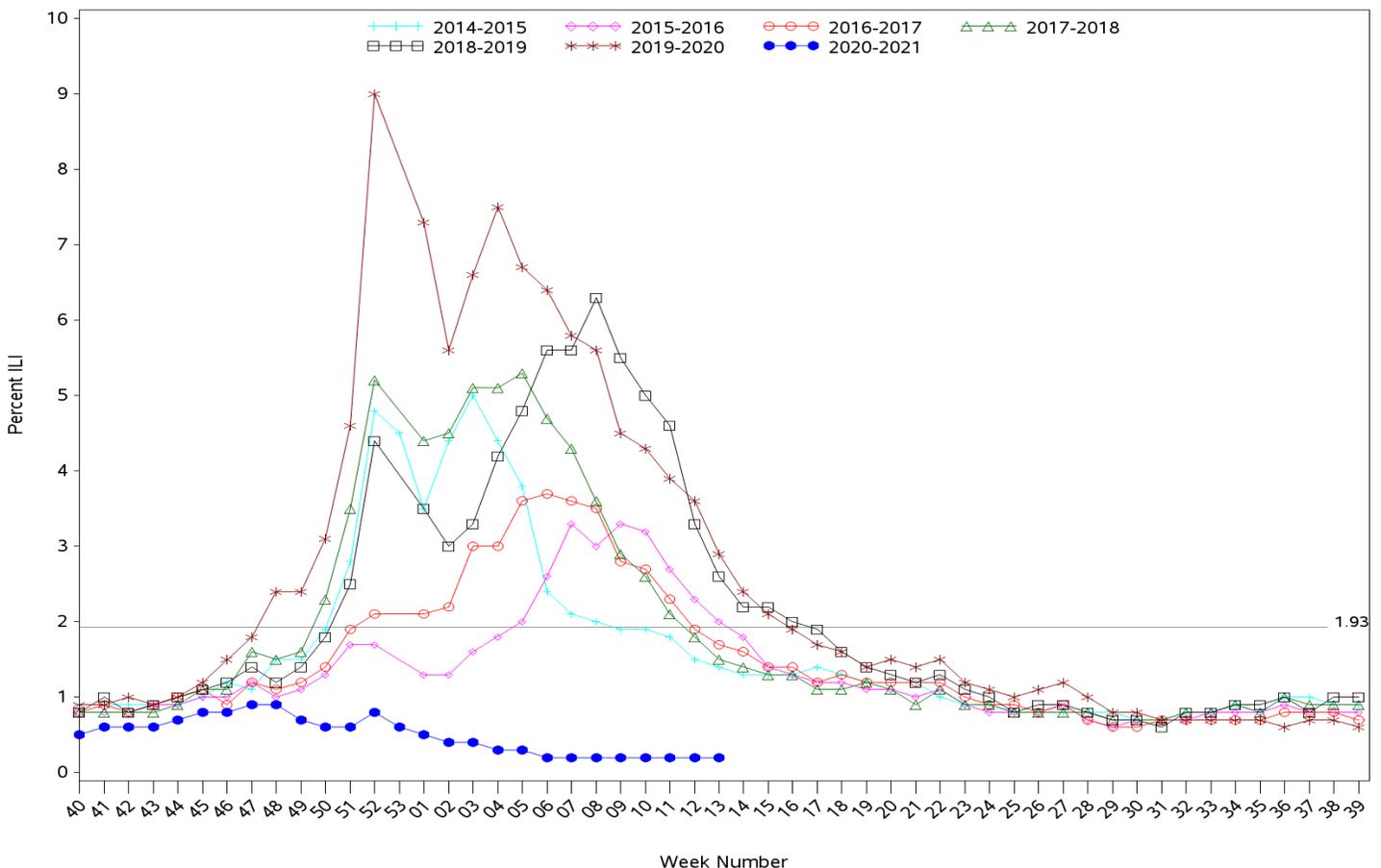




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 13 ending 04/03/2021)

- IHS national Influenza-like illness (ILI) activity is low at 0.2%, below the IHS baseline of 1.93%
 - Four out of eleven IHS Areas reported an increase in ILI activity, while other IHS Areas reported having consistent or slightly increased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 13 (1.06%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 222,315 doses of influenza vaccine.
- Overall, 29.1% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.
- The data within this report reflects data gathered prior to the installation of ILI/H1N1 Surveillance Export (APCL v3.0 patch 33) at most sites. Patch change request information can be provided upon request.

All Reporting IHS Areas
Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years
Percentage of Visits for ILI Visits per Week



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

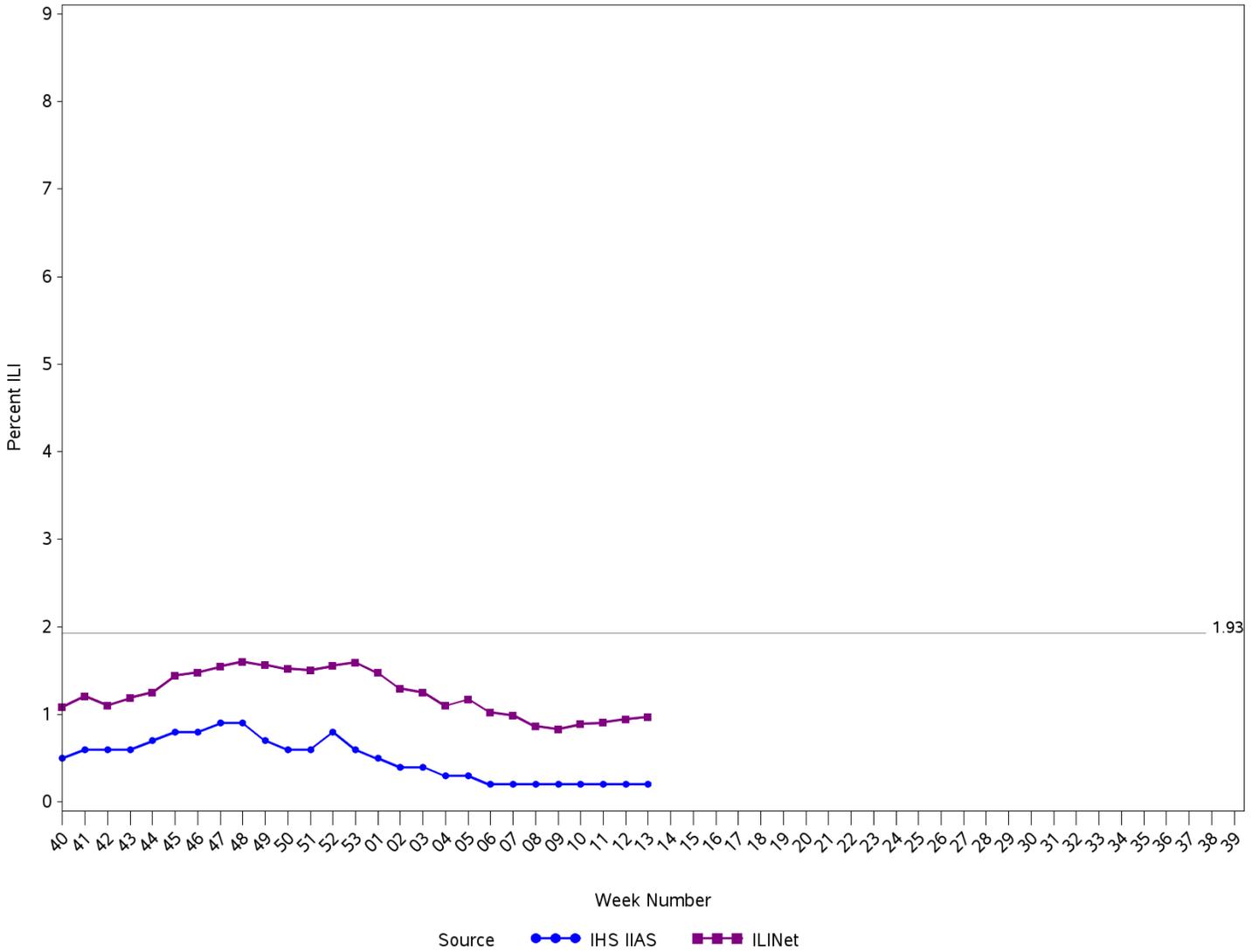
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2020-2021 IIAS baseline. The ILINet baseline value for 2020-2021 is 2.6.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous three seasons, plus two standard deviations.

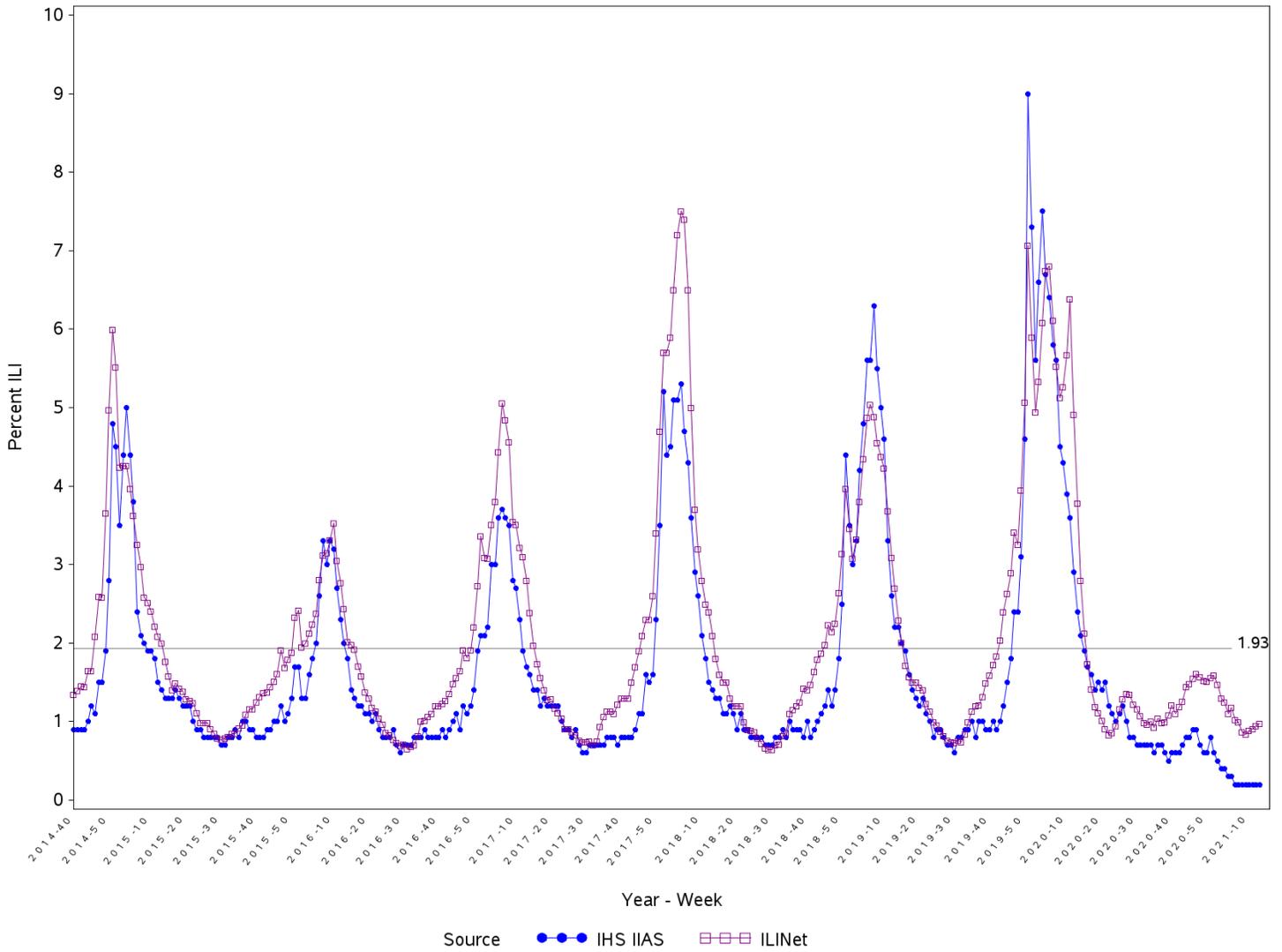
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2020 - 2021
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
09/27/20 through 04/03/21 (Week 13)



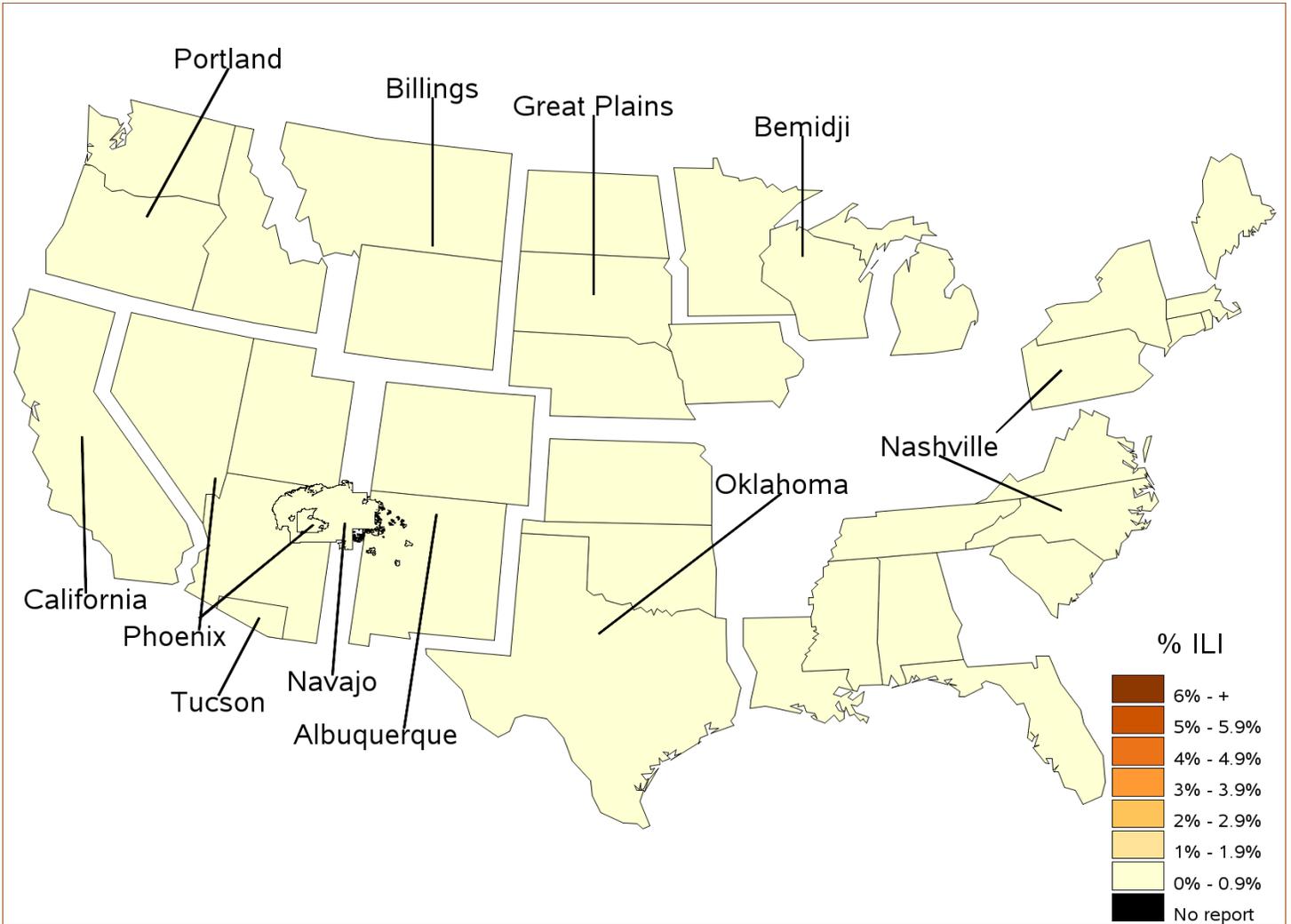
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IHS IIAS - Influenza-like Illness Awareness System

**IHS Influenza-like Illness Awareness System vs. CDC ILINet
Influenza-Like Illness (ILI) for six year window from latest full week
Percentage of Visits for ILI per week
09/28/13 through 04/03/21 (Week 13)**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IHS IAS - Influenza-like Illness Awareness System

**Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 04/03/21 (Week 13)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 04/03/21 (Week 13)**

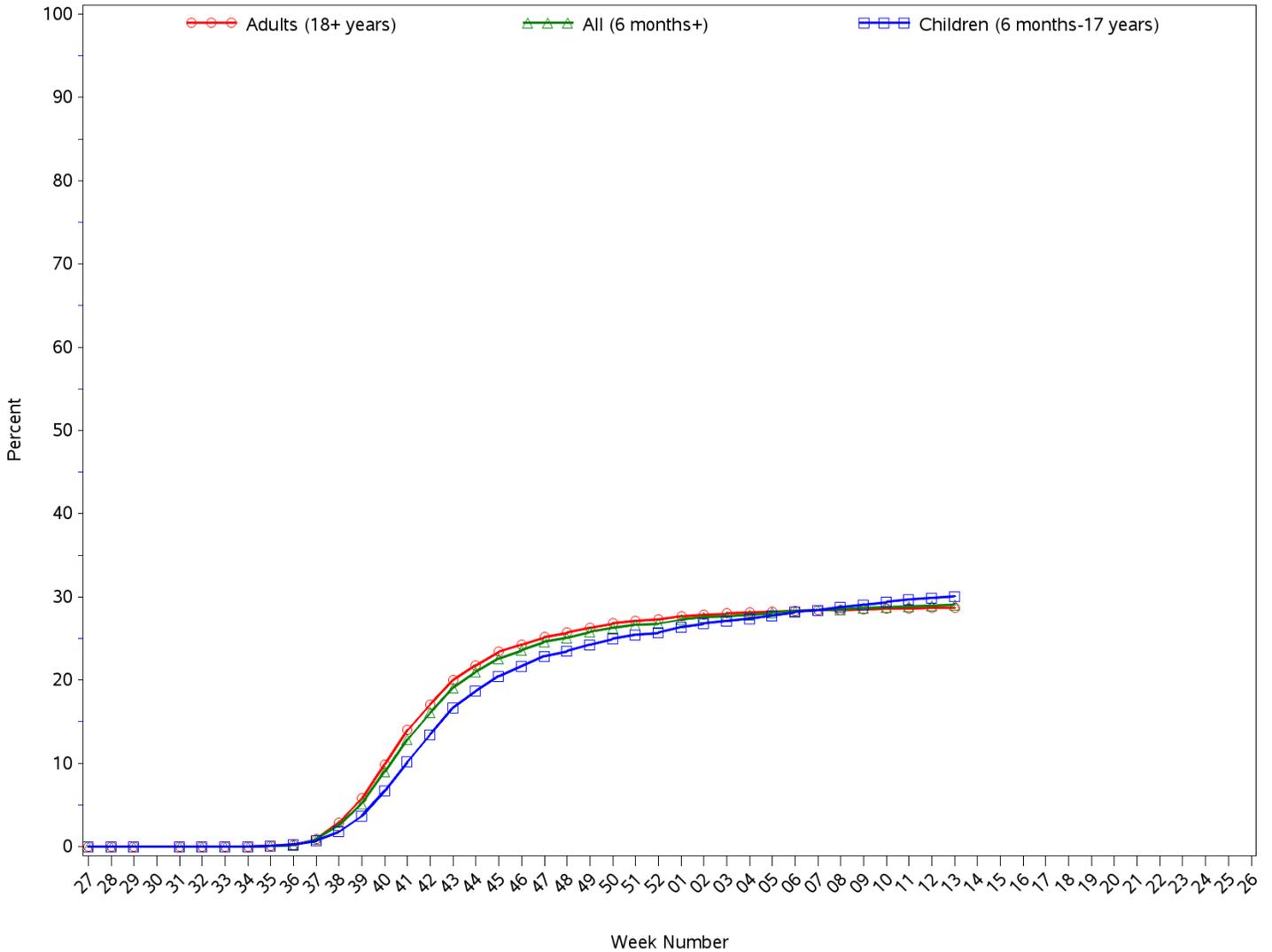
IHS Areas	Previous Week (12)	Current Week (13)
NATIONAL	0.2	0.2
ALBUQUERQUE	0.1	0.2
BEMIDJI	0.1	0.5
BILLINGS	0.2	0.2
CALIFORNIA	0.1	0.0
GREAT PLAINS	0.3	0.5
NASHVILLE	0.3	0.5
NAVAJO	0.3	0.3
OKLAHOMA	0.2	0.2
PHOENIX	0.1	0.2
PORTLAND	0.2	0.0
TUCSON	0.2	0.1

*Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IHS Influenza Vaccination Surveillance

As of 04/03/2021, sites reporting to the IAS have administered 222,315 doses (1st and 2nd) of seasonal influenza vaccine to active clinical patients 6 months of age and older.

All Reporting IHS Areas Percentage of Seasonal Influenza Vaccine Coverage among Active Clinical Population 06/28/20 through 04/03/21 (Week 13)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 04/03/21 (Week 13)**

Age Group	Active Clinical Population**	Seasonal Flu Vaccine (At Least 1 Dose)***	% Seasonal Flu (At Least 1 Dose)	Seasonal Flu Vaccine (At Least 2 Doses)	% Seasonal Flu (At Least 2 Doses)	Total # Doses Administered****
0 - 5 months	2,759	63	2.3	0	0.0	64
6 - 23 months	14,190	7,330	51.7	2,355	16.6	9,700
2 - 4 years	36,954	9,869	26.7	230	0.6	10,109
5 - 17 years	153,168	44,209	28.9	147	0.1	44,429
18 - 49 years	313,036	75,733	24.2	237	0.1	76,057
50 - 64 years	137,748	52,421	38.1	222	0.2	52,730
65 + years	96,619	29,059	30.1	192	0.2	29,290
Children (6 months-17 years)	204,312	61,408	30.1	2,732	1.3	64,238
Adults (18+ years)	547,403	157,213	28.7	651	0.1	158,077
All (6 months+)	751,715	218,621	29.1	3,383	0.5	222,315

* Limited to sites that exported both doses administered along with accompanying Active Clinical population data.

** Active Clinical is defined as patients who have had at least 2 visits in the last 3 years.

*** Number of unique patients with at least 1 dose.

**** Total # Doses Administered = All doses administered to patients including doses not included in coverage calculation due to lack of Active Clinical Population

**Seasonal Influenza Vaccination Code Counts by IHS Area
06/28/20 through 04/03/21 (Week 13)**

Area	INACTIVE CVX CODES*	CVX 88 FLU-NOS**	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 158 FLU-IIV4	CVX 161 IIV4pf ped	CVX 168 FLU-IIV3ad	CVX 171 FLU-ccI4pf	CVX 185 FLU-RIV4	CVX 186 FLU-ccI4	CVX 197 FLU-HIGH	CVX 205 FLU-IIV4ad	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
ALB	695	172	68	12,310	6,317	37	0	512	69	84	0	0	0	0	100	20,364
BEM	435	44	139	5,498	517	7	2	86	21	3	0	0	0	0	106	6,858
BIL	870	135	146	9,121	1,255	18	1	20	97	2	0	0	0	0	42	11,707
CAO	2,140	797	19	5,262	1,110	199	0	17	10	171	0	0	0	0	106	9,831
GPA	3,028	160	270	11,393	2,563	19	0	24	12	346	0	0	0	0	54	17,869
NSA	456	102	44	6,769	3,334	3	0	206	110	9	0	0	0	0	186	11,219
NAV	701	275	3	45,392	16,127	164	86	383	49	67	0	0	0	0	209	63,456
OKC	2,172	1,653	303	30,261	3,275	162	13	31	86	2	0	0	0	0	104	38,062
PHX	1,632	1,138	12	17,880	10,063	73	2	3	295	225	0	0	0	0	128	31,451
POR	333	245	199	6,853	1,220	2	2	219	161	160	0	0	0	0	44	9,438
TUC	17	16	0	3,014	13	0	0	0	4	0	0	0	0	0	15	3,079
	12,479	4,737	1,203	153,753	45,794	684	106	1,501	914	1,069	0	0	0	0	1,094	223,334

Patient Counts Not Deduplicated

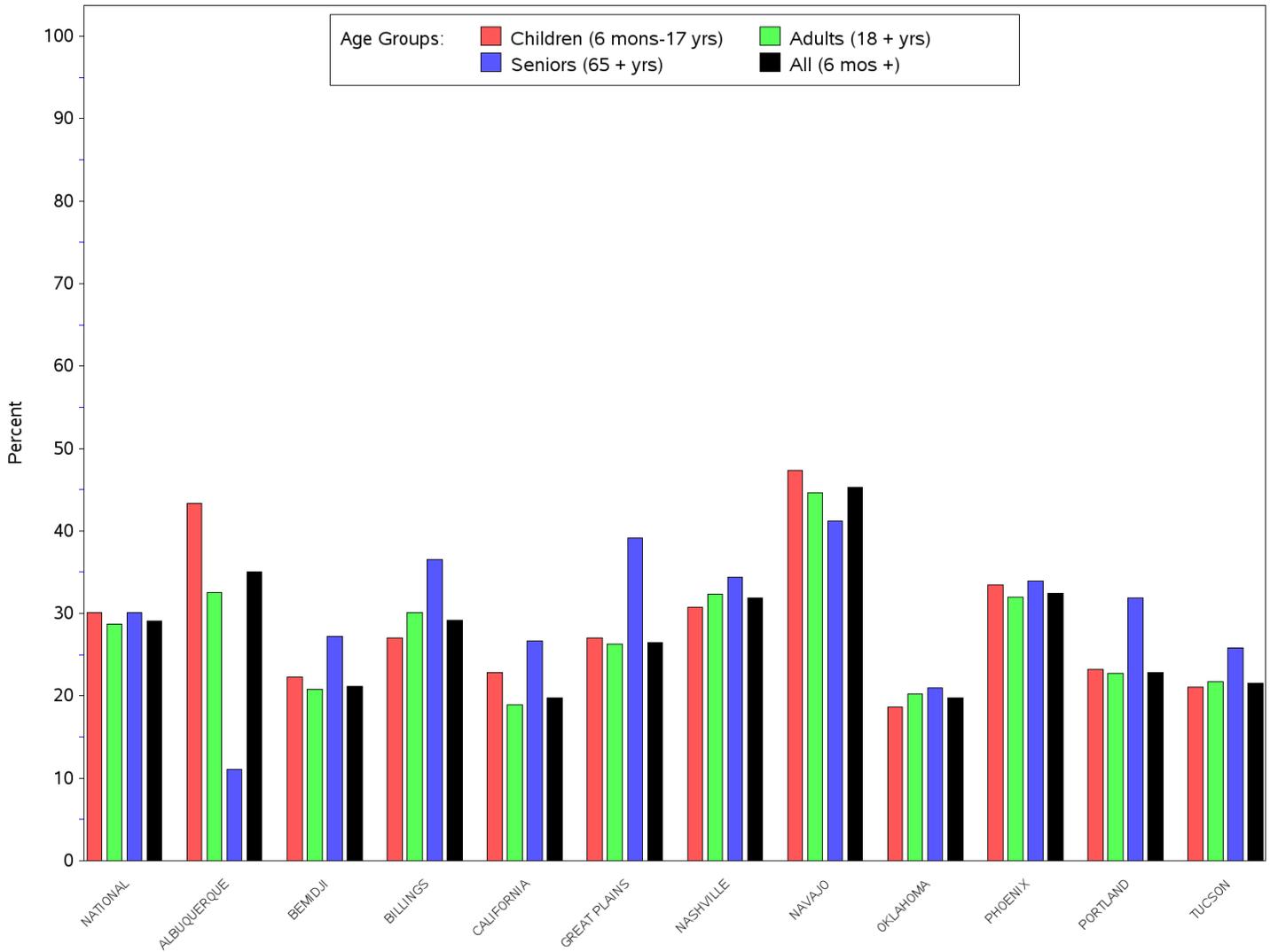
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ CPT Flu codes include: 90654-90658,90662, 90672, 90673, 90685, 90686, G0008, and G8108.

^ ICD9 codes V04.8 and V06.6 are not displayed on this report and are not used in any of the influenza vaccine coverage calculations.

All Reporting IHS Areas
Influenza Vaccine Coverage for all Age Groups for National and in each Area
% Seasonal Flu (At Least 1 Dose) for Active Clinical Population
06/28/20 through 04/03/21 (Week 13)



All Reporting IHS Areas
Influenza Vaccine Coverage for all Age Groups for National and in each Area
% Seasonal Flu (At Least 1 Dose) for Active Clinical Population
06/28/20 through 04/03/21 (Week 13)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	30.1	28.7	30.1	29.1
ALBUQUERQUE	43.3	32.5	11.1	35.0
BEMIDJI	22.3	20.8	27.2	21.2
BILLINGS	27.0	30.1	36.5	29.2
CALIFORNIA	22.8	18.9	26.7	19.8
GREAT PLAINS	27.0	26.3	39.1	26.5
NASHVILLE	30.8	32.3	34.4	31.9
NAVAJO	47.3	44.6	41.2	45.3
OKLAHOMA	18.6	20.2	21.0	19.8
PHOENIX	33.5	32.0	33.9	32.4
PORTLAND	23.2	22.7	31.9	22.8
TUCSON	21.1	21.7	25.8	21.5

Number of RPMS Databases Reporting for Week Ending 04/03/21 (Week 13)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	108	183
ALBUQUERQUE	14	20
BEMIDJI	5	7
BILLINGS	10	21
CALIFORNIA	7	10
GREAT PLAINS	8	12
NASHVILLE	20	24
NAVAJO	7	19
OKLAHOMA	18	37
PHOENIX	10	19
PORTLAND	8	11
TUCSON	1	3

* Exporting databases may include data from multiple facilities.

** Includes only facility categories: Hospital, Health Center, Health Station and Health Location

NR = Not Reported